

## LABORATORY REPORT

Prepared For: GPL Laboratories  
7210-A Corporate Court  
Frederick, MD 21703  
Attention: Pat Huebschman

Project: Omega Chemical OU-2 SSID-BC  
Omega Chemical

Sampled: 07/18/07  
Received: 07/18/07  
Issued: 07/30/07 08:11

NELAP #01108CA California ELAP#1197 CSDLAC #10256

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.*

*This entire report was reviewed and approved for release.*

## SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

LABORATORY ID	CLIENT ID	MATRIX
IQG1624-01	OC2-MW17C-W-5-609	Water
IQG1624-02	OC2-MW17B-W-0-610	Water
IQG1624-03	OC2-MW17A-W-0-611	Water
IQG1624-04	OC2-MW6-W-0-612	Water
IQG1624-05	OC2-MW5-W-0-613	Water

Reviewed By:



TestAmerica - Irvine, CA

Trevor Brenner  
Client Services Manager

GPL Laboratories  
7210-A Corporate Court  
Frederick, MD 21703  
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Project ID: Omega Chemical OU-2 SSID-BC  
Omega Chemical  
Report Number: IQG1624

Sampled: 07/18/07  
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## SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IQG1624-01 (OC2-MW17C-W-5-609 - Water)</b>								
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7G24063	0.0019	ND	0.971	7/24/2007	7/25/2007	
<b>Sample ID: IQG1624-02 (OC2-MW17B-W-0-610 - Water)</b>								
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7G24063	0.0019	ND	0.966	7/24/2007	7/25/2007	
<b>Sample ID: IQG1624-03 (OC2-MW17A-W-0-611 - Water)</b>								
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7G24063	0.0019	<b>0.0065</b>	0.948	7/24/2007	7/25/2007	
<b>Sample ID: IQG1624-04 (OC2-MW6-W-0-612 - Water)</b>								
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7G24063	0.0020	ND	1	7/24/2007	7/25/2007	
<b>Sample ID: IQG1624-05 (OC2-MW5-W-0-613 - Water)</b>								
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7G24063	0.0019	<b>0.0043</b>	0.962	7/24/2007	7/25/2007	

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## INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IQG1624-01 (OC2-MW17C-W-5-609 - Water)</b>								
Reporting Units: mg/l								
<b>Chromium VI</b>	EPA 218.6	7G18067	0.00030	<b>0.0033</b>	1	7/18/2007	7/18/2007	
<b>Sample ID: IQG1624-02 (OC2-MW17B-W-0-610 - Water)</b>								
Reporting Units: mg/l								
<b>Chromium VI</b>	EPA 218.6	7G18067	0.00030	<b>0.015</b>	1	7/18/2007	7/18/2007	
<b>Sample ID: IQG1624-03 (OC2-MW17A-W-0-611 - Water)</b>								
Reporting Units: mg/l								
<b>Chromium VI</b>	EPA 218.6	7G18067	0.00030	ND	1	7/18/2007	7/18/2007	
<b>Sample ID: IQG1624-04 (OC2-MW6-W-0-612 - Water)</b>								
Reporting Units: mg/l								
<b>Chromium VI</b>	EPA 218.6	7G18067	0.0030	<b>0.10</b>	10	7/18/2007	7/18/2007	
<b>Sample ID: IQG1624-05 (OC2-MW5-W-0-613 - Water)</b>								
Reporting Units: mg/l								
<b>Chromium VI</b>	EPA 218.6	7G18067	0.00030	<b>0.0076</b>	1	7/18/2007	7/18/2007	

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## CDHS SRL 524 MODIFIED METHOD FOR 1,2,3-TRICHLOROPROPANE PT/GCMS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IQG1624-01 (OC2-MW17C-W-5-609 - Water)</b>								
Reporting Units: ng/L								
1,2,3-Trichloropropane (123-TCP)	SRL 524M-123TCP	C7G2611	5.0	ND	1	7/26/2007	7/26/2007	
<b>Sample ID: IQG1624-02 (OC2-MW17B-W-0-610 - Water)</b>								
Reporting Units: ng/L								
1,2,3-Trichloropropane (123-TCP)	SRL 524M-123TCP	C7G2611	5.0	ND	1	7/26/2007	7/26/2007	
<b>Sample ID: IQG1624-03 (OC2-MW17A-W-0-611 - Water)</b>								
Reporting Units: ng/L								
1,2,3-Trichloropropane (123-TCP)	SRL 524M-123TCP	C7G2611	5.0	ND	1	7/26/2007	7/26/2007	
<b>Sample ID: IQG1624-04 (OC2-MW6-W-0-612 - Water)</b>								
Reporting Units: ng/L								
1,2,3-Trichloropropane (123-TCP)	SRL 524M-123TCP	C7G2611	5.0	ND	1	7/26/2007	7/26/2007	
<b>Sample ID: IQG1624-05 (OC2-MW5-W-0-613 - Water)</b>								
Reporting Units: ng/L								
1,2,3-Trichloropropane (123-TCP)	SRL 524M-123TCP	C7G2611	5.0	ND	1	7/26/2007	7/26/2007	

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## SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
<b>Sample ID: OC2-MW17C-W-5-609 (IQG1624-01) - Water</b>					
EPA 218.6	1	07/18/2007 08:25	07/18/2007 14:05	07/18/2007 16:00	07/18/2007 16:13
<b>Sample ID: OC2-MW17B-W-0-610 (IQG1624-02) - Water</b>					
EPA 218.6	1	07/18/2007 09:15	07/18/2007 14:05	07/18/2007 16:00	07/18/2007 16:24
<b>Sample ID: OC2-MW17A-W-0-611 (IQG1624-03) - Water</b>					
EPA 218.6	1	07/18/2007 10:10	07/18/2007 14:05	07/18/2007 16:00	07/18/2007 16:35
<b>Sample ID: OC2-MW6-W-0-612 (IQG1624-04) - Water</b>					
EPA 218.6	1	07/18/2007 11:15	07/18/2007 14:05	07/18/2007 16:00	07/18/2007 17:16
<b>Sample ID: OC2-MW5-W-0-613 (IQG1624-05) - Water</b>					
EPA 218.6	1	07/18/2007 12:12	07/18/2007 14:05	07/18/2007 16:00	07/18/2007 16:57

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## METHOD BLANK/QC DATA

### SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 7G24063 Extracted: 07/24/07</b>										
<b>Blank Analyzed: 07/25/2007 (7G24063-BLK1)</b>										
N-Nitrosodimethylamine	ND	0.0020	ug/l							
<b>LCS Analyzed: 07/25/2007 (7G24063-BS1)</b>										
N-Nitrosodimethylamine	0.0104	0.0020	ug/l	0.0100		104	60-140			
<b>LCS Analyzed: 07/25/2007 (7G24063-BS2)</b>										
N-Nitrosodimethylamine	0.00210	0.0020	ug/l	0.00200		105	60-140			
<b>Matrix Spike Analyzed: 07/25/2007 (7G24063-MS1)</b>										
N-Nitrosodimethylamine	0.0101	0.0019	ug/l	0.00962	ND	105	50-130			
<b>Matrix Spike Dup Analyzed: 07/25/2007 (7G24063-MSD1)</b>										
N-Nitrosodimethylamine	0.00935	0.0019	ug/l	0.00962	ND	97	50-130	7	30	

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## METHOD BLANK/QC DATA

### INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 7G18067 Extracted: 07/18/07</b>										
<b>Blank Analyzed: 07/18/2007 (7G18067-BLK1)</b>										
Chromium VI	ND	0.00030	mg/l							
<b>LCS Analyzed: 07/18/2007 (7G18067-BS1)</b>										
Chromium VI	0.0527	0.00030	mg/l	0.0500		105	90-110			
<b>Matrix Spike Analyzed: 07/18/2007 (7G18067-MS1)</b>										
Chromium VI	0.0450	0.00030	mg/l	0.0500	0.00195	86	90-110			M2
<b>Matrix Spike Dup Analyzed: 07/18/2007 (7G18067-MSD1)</b>										
Chromium VI	0.0444	0.00030	mg/l	0.0500	0.00195	85	90-110	1	10	M2

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## METHOD BLANK/QC DATA

### CDHS SRL 524 MODIFIED METHOD FOR 1,2,3-TRICHLOROPROPANE PT/GCMS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: C7G2611 Extracted: 07/26/07</b>										
<b>Blank Analyzed: 07/26/2007 (C7G2611-BLK1)</b>										
1,2,3-Trichloropropane (123-TCP)	ND	5.0	ng/L							
<b>LCS Analyzed: 07/26/2007 (C7G2611-BS1)</b>										
1,2,3-Trichloropropane (123-TCP)	4.08	5.0	ng/L	5.00		82	80-120			
<b>Matrix Spike Analyzed: 07/26/2007 (C7G2611-MS1)</b>										
1,2,3-Trichloropropane (123-TCP)	49.8	5.0	ng/L	50.0	ND	100	52-135			
<b>Matrix Spike Dup Analyzed: 07/26/2007 (C7G2611-MSD1)</b>										
1,2,3-Trichloropropane (123-TCP)	48.0	5.0	ng/L	50.0	ND	96	52-135	4	27	

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## DATA QUALIFIERS AND DEFINITIONS

**M2** The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).  
**ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.  
**RPD** Relative Percent Difference

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## Certification Summary

### TestAmerica - Irvine, CA

Method	Matrix	Nelac	California
EPA 1625C-CI Mod	Water		
EPA 218.6	Water	X	X

*Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at [www.testamericainc.com](http://www.testamericainc.com)*

### Subcontracted Laboratories

#### TestAmerica - Ontario, CA *California Cert #1169, Arizona Cert #AZ0062, Nevada Cert #CA-242*

1014 E. Cooley Drive, Suite AB - Colton, CA 92324

Method Performed: SRL 524M-123TCP

Samples: IQG1624-01, IQG1624-02, IQG1624-03, IQG1624-04, IQG1624-05

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